THE LEADER, of belief in London and telegraphed New York press at a dollar a word. Daily, Tri-Weekly and Weekly,

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NOTICE TO ADVERTISERS, All advertisements received will appear in both of our editions, the Morning LEADER and Evening NEWS. These two editions have a larger Circulation in the City and in the Country than all other English dailies published in Cleveland combined.

Monday May 17, 1875.

From our reports this morning the probabilities are that the weather for to-day will be elear and cold.

The Plain Dealer tries to make out that Archbishop Purcell is a Republican— of Mr. King's success. this, too, in the face of the fact that the Archbishop's organ, the Catholic Telegraph P. D. had better try again in manufactur- that the road is needed and must electricity, without heat, and without cost thin vapor would press itself through the adetailed record of the proceedings and op- stances in unstable equilibrium, by the ac-

Our Washington special announces that a new daily, the Tribune, is to appear in that city this morning. Its politics are to be "independent Democratic," It is easy to turn upon its cost. It has been, thus far, ratus for producing this vapor, or rather, being impossible to make that motor pracunderstand what that means. It will have independence enough to slander and tra- ure to negotiate its bonds is of course a man interested in the discovery—"the ap- in the foregoing sentence. But through istry, showing that the vaper at present is duce every man in the Republican party temporary misfortune and may slightly sycophant to every Democrat. On Satur- cannot prevent it nor diminish by a single Mr. Keely. For years he has been imbued enabled to control his vapor at that im- by the inventor, that it only creates vapor day another paper of the same stripe, the dollar's worth the mineral and agricultural with the mineral and agricultural with the registered pressure and run his engine with with a registered pressure of about 2,000 by some agency or power not known at Telegram, will also make its bow to the resources that the road will open up and somewhere which could be utilized and precisely the same ease at which the or- pounds to the square inch; that the new present to chemists. people of the national capital. The next convert into wealth. news of them will be-two more unfortunates gone to their rest.

At the meeting of the American Silk Association, held in New York last week, Hon. W. D. Kelley, of Philadelphia, stated that the silk industry of this country was the work of legislation, and that it had sprung into existence since the passage of the tariff act of 1864. The statement was received with deaiening applause, and although Sammy Cox and a few other Free Traders were present, they did not contradict it. It would have been indiscreet for demurrer against Mr. Kelley's assertion. There were too many gentlemen present who had a practical knowledge of the real benefits of protection. During the year 1874 the total value of silk manufactured in the United States footed up to \$18,602,-482, and without the protective tariff it is certain half this sum could never have been reached. The silk industry of the United States is now on a pro-perous basis, and it owes its establishment to the protective tariff established by the Republi-

olutionizing of the Government had it not | contains the following: been for the timely discovery of the plot -the latter fact being somewhat remarkable since in Hayti the Government troops are usually found on the side of the insurgents. As it was, President Dominique heard that three prominent men, Monplaisier Pierre and Generals Bryce and Caval, had formed a plot to assassinate him and make Pierre President. He therefore sent A writer in one section says that on "high three detachments of troops to arrest the or dry and sandy soil, the eggs have . traitors, while he (Dominique) went to hatched or are hatching in such numbers church to attend the agricultural festival that the plagues of Egypt stand shadowed made to move. Therefore, how could an held throughout the island on the first of upon every knoll and destruction and want atmospheric engine constructed on that May. Bryce was surrounded and killed. seem booked for a ride over the country on principle be made to run while being subthe courage to die, fled to the protection of the eggs are to be found in countless number on the inside and corroding the extinguish the flame of the candle. the American Consulate. It is not often bers. In Northwestern Iowa they are that Haytien revolutions are so promptly hatching by millions, while in other porand completely suppressed.

if two men can attract a multitude of people and hold them in attentive interest for an hour by simply presching the Scripture and singing hymns, it is not obvious that these men are wholly beyond the paids of moral recognition, even though the preacher may make some mistakes in grammar and though the preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in a semantic of the linear this preacher may make some mistakes in levent the semantic of the linear this preacher may make some mistakes in seming the many plainty that this yrapor of moral recognition, even though the essential the semination of the linear theory and the matter of the linear this preacher may make some mistakes in levent may make some mistakes in seming the matter of the linear this preacher may make some mistakes in seming the matter of the linear this preacher may make some mistakes in seming the matter of the linear this preacher may make some mistakes in seming to make the preacher may be subjected in building the matter of the linear this preacher may have a made preacher may make some mistakes the matter of the linear the preacher of the matter of the linear the preacher may be subjected in vapor, of course the variety that the could be completed and deposited; but less than the preacher may make some mistakes and the sassingth of the matter of the linear large to the matter of the linear large to the matter of the linear large to the matter of the linear large tof the matter of the linear large to the matter of the linear large to the linear larg

of belief in London and telegraphed to the A WONDERFUL DISCOVERY!

The Valley Railroad.

The return from London of Mr. D. L. way, after an ineffectual attempt to negotiate the bonds of that company in the London market, naturally throws for a time some shadow of discouragement upon the immediate prospects of the Valley Daily, delivered by carrier, 20 cents per week. | road. It is but just to say that Mr. King's purpose was defeated by causes wholly outside of the enterprise itself. It was not because the railway itself had not sufficient the situation Mr. King had nearly succeeded in "placing" his bonds, but on the morning of the very day set for the meeting the London Times appeared with a leading article denouncing indiscrimi- will have been forgotten. nately all American railway enterprises, Gold closed in New York Saturday at lend look upon the Times as the arbiter of has succeeded! The result of his discovery is structed to withstand such a gigantic press- ician; William J. Rutherford, chief engi-

> ican roads, the Valley railway if properly my own eyes I must believe. managed will pay, from the first, a fair rewell and cheaply built. Mr. King's fail-

The Grasshoppers Moving East.

The opinion expressed by General Brisbin last summer, that the grasshopper plague was destined to become a national calamity, seems now to have had a good foun- ning for a number of months. The plan without rivets, it would be one-third and doing. The snow, ice, excessive cold structed I cannot fully and satisfactorily has that advantage in strength. The and rain of the winter, fall and spring, explain, for I never saw it. But gentlemen, were without any effect whatever upon its in whose words I have implicit confidence, vitality, and the last reports indicate that have seen it running and have endeavored a large section of country will be ravaged

In Southwestern Missouri the young the dapper little Samuel to have filed a "hoppers" are devouring everything green. Cattle and horses are dying of starvation by the hundred; men who one year ago were considered rich cannot now leaving the country with their goods. In disphragm to bulge inward several inches, the neighborhood of St. Joseph, Missouri, and when the air is let in the traction, collection of scale inside, accumu-

a housefly, and so thick that a person can way working backward and forward catch fifty at one sweep of the hand several hundred times a minute, making through the air. They have been seen in eastern portions of that State in alarming numbers, but the farmers there think they will take up an eastward line of march The usual little rebellion has occurred and be out of the State before the crops in Hayti again. It was a small affair, but | are very far advanced. In Southern Kanit would undoubtedly have resulted in the sas they are eating up everything green. cuum you must have more than atmospheric assassination of the President and the rev- A report from Southwestern Nebraska pressure to accomplish that object. He did

"Along the valley of the Republican, ism or heat. But he did have the aid of a and the fidelity of the Government troops | millions of young grasshoppers have made | minute quantity of water, which was used in their appearance, and millions are yet in some way to produce the vacuum. As near the ground to come out. This is too bad, as I could get at it, the engine was propelafter the long and patient work of the State | led somewhat on the principle of a hy-Aid Society, I fear all their labor will be draulic ram, where the pressure of a head lost. Our farmers had a great deal of seed of water is brought to bear upon a large sent them, and planted good crops, only, as we dread, to feed our Egyptian foes."

Various reports come from Minnesota. May. Bryce was surrounded and driven into his Caval was wounded and driven into his freely inhaled, and it had neither perceptibouse, where he retired to the attic and ble succeed in making such an engine work on the outside, thus closing up the pores, that in some localities succeed in making such an engine work on the outside, thus closing up the pores, ble smell nor taste. I applied a burning the receiver freely inhaled, and it had neither perceptibe succeed in making such an engine work. bouse, where he retired to the atthe and by putting certain chemicals with committed suicide, and Pierre, not having the State asserts that in some localities succeed in making such an engine work and by putting certain chemicals with candle to it, and it did not burn, nor did it ested with Mr. Keely propose to have an tions of that State their eggs are said to be

It seems to be quite essential to the A very natural and widespread alarm is happiness of the English people that some- manifested through sections of Missouri, thing should be done or discovered to hope- Kansas, Nebraska, Iowa and Minnesota. lessly scandalize the two American Evan- In some of these sections the devouring ingelists, Moody and Sankey. At first the newspapers and clergy ignored them, but newspapers and newspapers and clergy ignored them, but newspapers and clergy ignored them newspapers are newspapers. The newspapers are newspapers and clergy ignored them newspapers are newspapers and clergy ignored them newspapers are newspapers. The newspapers are newspapers are newspapers and newspapers are newspapers and newspapers are newspapers. The newspapers are newspapers are newspapers and newspapers are newspapers and newspapers are newspapers. The newspapers are newspapers are newspapers and newspapers are newspap when great multitudes flocked to hear them, grass, and in others they are hopping cubic foot, and made 800 revolutions a in a 10-horse power engine a pipe with in a 10-horse power engine as often as might be deand hundreds of persons went through the about in a way suggestive of distress and minute with such force that the a bore of the knitting needle size will repeat or duplicate, as often as might be deprocess of being converted to Christianity famine. The experience of last year instrongest man, with his hands encased drive it. The vapor as fast as it gets into drive it. The vapor as fast as it by their ministrations, the orthodoxy of creases the dread of encountering them in a pair of gloves, could not stop it by the cylinder through that small aperture, cility for the determination, to the satisfactions that small aperture, cility for the determination, to the satisfactions that small aperture, cility for the determination of the cylinder through that small aperture, cility for the determination of the cylinder through that small aperture, cility for the determination of the cylinder through the conservative England felt mortally of again. Some farmers have already ceased holding on to the fly wheel. The great obsended. But the preaching and sing- seeding, believing that the sole benefit of jection to this engine, as it was then contheir labors would accrue to the "hopcertainly do no harm, and the ten
or fifteen thousand people who listen to
them daily and nightly are certainly far
let honses and other resorts of the
middle and lower classes of London.
If two men can attract a multifulde of people and hold them in attentive interest for
ple and hold them in attentive interest for
ple and hold them in attentive interest for
ple and hold them in attentive interest for
certainly do no harm, and the ten
count of a piston not being tight enough, of
and increasing their corn fields, with the
large engines. But while experimenting
upon and endeavoring to do away with the
discovered that the crop may not mature until
the destroyers had changed their quarters.

Others are preparing to fight the invader,
the destroyers had changed their quarters.

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the destroyers had changed their quarters.

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the destroyers had changed their quarters.

Others are preparition of yellowing and illustrate. A time
through the prize before it is cut off, into a
place, which would accrue to the displaces of the American Congregational
through the crop and interesting to the church of the Place of th ing of the American evangelists can their labors would accrue to the "hop-

A NEW MOTOR!

King, President of the Valley Rail- The Days of Steam Probably

man—one who is a product of nature's noblest works—a man who has given years of toil and study endeavoring to discover a more convenient and cheaper substitute for more convenient and cheaper subst of unpopularity as investments. Even muscular strength—having been known eyes, and saw it with of the inventor or rather the discoverer are under all the general discouragements of to lift twelve hundred weight. Mentally, my own eyes, and saw it was of wrought iron. fully protected by patents in this country. to lift twelve hundred weight. Mentally, he is endowed with that which is more than a substitute for a liberal education. The a substitute for a liberal education. The largery engine such a substitute for a liberal education. The largery engine such as the largery name of this man is John W. Keelz,—a name which I firmly believe will be known only be used to the name which I firmly believe will be known only be used to the name which I firmly believe will be known only be used to the engine is the automatically and keep the receivers supported to the engine is the plied while the engine is running. For the larger classes of engines, it is intended to ined. when that of Fulton, Watts, and Stevenson can only be used to the best advantage multiply the number of receivers according

deavoring to use the pressure of the at- First. How could a "receiver" be made | 000 pounds to the inch. to describe it to me to the best of their ability. The nearest approach I can give of a description, is to say that the piston rod is fastened by a circular metal plate to an India rubber diaphragm on the top of the cylinder. By some mysterious arrangement, only known to Mr. Keely him-

smaller the boiler the stronger it is. A

thickness of iron, or three times the pressure

must be so much stronger in proportion

least more than double the strength of the

boiler, everything else being equal.

uniform heat, or rather coolness.

Second. How can the metal be made suf-

boiler twenty-four inches in diameter will

that number of revolutions in the engine-How he managed to make fifteen-pound pressure of the atmosphere do more than overcome an opposition equal pressure of that same atmosphere, is a mystery. He did this in violation of the universal mechanical law that in order to produce a vathis without the aid of electricity, galvanpiston, which in turn operates upon a to force a smaller stream of water higher than the head of the water that works the machine. But we know that a hydraulic ram submerged under water could not be electrical or chemical ald, or without heat, metal, thus closing the pores inside with and he can produce evidence to prove this sufficient to hang a regiment of men.

engines. Believing in this view, Mr. Keely continued the work of investigating and perfecting his engine. The continued to an eighth of an inch in diame and perfecting his engine. The continued to an eighth of an inch in diame the operations. structed, was the apparent necessity, on ac-

Ty and of brass and ceases its expansion, and goes back instantly of sufficient strength to withstand the ole of which consists and ceases us expansion, and goes back instantly of sumcient strong manner, to its original state—namely, air and water. pressure of highest degree and great

Numbered.

Seventh. The objection is brought up that the vaporate of garden in the vapor

at a pressure of 20,000 to 30,000 pounds to the size of the engine.

For years Mr. Keely has been endeavor- to the square inch! The engineer, An exhibition of the multiplicator and enand saying that Englishmen might as well ing to discover in the works of nature a when he reads this statement, will say gine was made in the presence of the folthrow their money into the sea as to invest, hidden power or motor, which could be "that is an utter impossibility!" "No lowing gentlemen: Mr. Charles B. Collier, scribed by him, and witnessed by us toin them. London people with money to utilized for the benefit of mankind, and he boiler," or rather reservoir, could be con- patent lawyer; William Boekel, mechan- gether with him. all commercial questions, and its untimely so great, so marvellous and stupendous, that ure! It would tear an engine to pieces at neer of the United States Navy; J. Snowtirade against American railways de- the practical mind will accept my statement that pressure! No pipe would be strong den Bell, mechanical engineer; Mr. John stroyed, for a time at least, the last chance with a feeling of incredulity. But I have enough to stand that pressure! No valve Stiltz, Mr. James S. Yarnell, Mr. J. H. Anseen his engine in operation, propelled by a or cock could be made tight enough to re- ders, Mr. E. Raffsnyder and Mr. Charles [Communication of B. Howard Rand, M. D., We who know the necessities out of heretofore unknown vapor of immense sist that pressure! It would be impossible Schuellerman, all of Philadelphia, and which the Valley railway enterprise pressure, which is created from a small to control that awful pressure! A vapor Mr. J. S. Andrews of New York City. be finished. We know, moreover, that aside from wear of machinery and expense pores of the metal, holding it. When I erations. I will copy from Mr. Collier's print- tion of water or air brought in contact with whatever may be true of some other Amer- of an engineer! So what I have seen with heard, several months ago, that Keely's ed report of this exhibition a summary of them in the apparatus described. motor was run up to that immense pressure, facts that were clearly established, with the Before attempting to describe the appa- I expressed precisely the same views of it certificates signed by Messrs. Boekel, Ruthin the language of an enthusiastic gentle- ticable for use, for the same reasons given B. Howard Rand, M.D., professor of chemparatus for utilizing the hidden power con. the inventive and mechanical genius of unknown to the chemist. It will be borne used in the place of steam comparatively dinary steam engine is run. I will state in multiplicator now being made by Mr. Keely

> mosphere as a motor and succeeded. He strong enough to stand the pressure? It is 1st. That the inventor did produce a se- Prof. of Chemistry in Jefferson Med. Col. constructed a peculiar engine, which was well known that the weakest point of a ries of evolutions or "expulsions" of a propelled by that pressure, and which was boiler is where it is riveted. If a boiler gaseous or vaporic substance, having an excalled an "Air Engine." He had it run- could be made entirely of welded iron pansive energy of, say, 2,000 pounds to

in the mechanical structure termed by the inventor his "multiplicator," occupied an inappreciable period of time.

eight inches in diameter can of the same tion (in the experiments above referred to, say twelve feet) was also inappreciable.

eter can. Consequently a "receiver" of ble noise. 5th. Before the commencement of the air, and that it was devoid of smell. only about fourteen inches in diameter operations the tests applied to the apparaus, to-wit, blowing through its several conthan the large-sized boiler. A steam boiler nections, flooding it with water and dis- greater that this new motor will supercede is meakened with use by the action of in- charging the water, evidenced that it con- steam, than it was when Watts first made tense heat corrosion, expansions and con- tained no chemical compounds in unstable

explode by sudden expansion of steam ducts, or the explosion of which, in the provided it will supercede steam, as I beand by water being too low, &c. The other case, could be produced by the introreciver" preserves an equal temperature and an not exposed to any of the difficul- above paragraph had been applied, it would nothing aside from the wear of the ma-

ties that the steam boiler has-it being have been impossible for the inventor or chinery and the wages of an engineer. Of filled constantly with a cool, dry and clean any one, to have introduced chemicals or vapor. This alone gives the "receiver" at other substance than water without detec-7th. No heat was employed, no electricity

inches thick, of solid wrought iron. The of the operation, except that electric sparks statement is made that guns made of thick- were observed in the spur gearing er metal burst at a pressure of 17,000 pounds pressure? The answer to be made to this metallic surfaces of said gearing. is as follows: The explosion of powder to the multiplicator came direct from the

ceiver. Then, again, the bursting of can- six and a quarter pounds to the square inch. non is caused by the intense heat of the the multiplicator, and after each operation ers of those present, and exhibited no out of the multiplicator as it went sure? Mr. Keely explained this to me by kill River, from which it came.

saving that that was his principal difficulty. Tenth. The vaporis or gaseous produc-

and the interior of it examined, and there in the halls of the Centennial exhibition Third. How could that immense pressure was no residuum within it indicative of the with a Keely engine next year. It was supposed that this engine would be reduced down to the ordinary steam pres- presence of chemical or explosive combecome a success after certain improve- sure in order to run an engine? That is the pounds, or other substances than air and

steam, at least in the use of small steam por passes through a feed pipe the bore in a gas-lighted room, and a lighted candle and Sergeant, gentlemen who have an in-

expands and reduces itself down to the re- tion of those present, of the truth of his statequired pressure by the time it is cut off. To ment, as contained in his communication adillustrate. A tenth of a pint of vapor at provide this report and from which accom-

evolution of highest degree and greatthe whole chambers, cylindrical in form, connected by pipes furnished with various cocks and valves.

This multiplicator was suspended from the ceiling by a chain three suspended properties.

Seventh. The objection is brought up that valous tion, and to be automatic in its necessary would be a series of Gunpowder and steam keep on expanding after they come in contact with the atmosphere. Consequently the vapor is far less dangerous than steam or gunpowder.

Seventh. The objection is brought up that velopment, and to be automatic in its necessary and from that which has been accomplished.

myself, be strictly observed, and that he be not importuned for a repetition of his experiments, inasmuch as this will delay his operations, and such time as he is not acbecause the railway itself had not sufficient facts to recommend it, but because Mr. King arrived in London at a time when the money market there was in a highly unfavorable condition and when American railway securities were at the lowest point railway securities were at the lowest point race of acts to recommend it, but because Mr. King arrived in London at a time when the more convenient and cheaper substitute for steam. He was born in Chester county in the mass born in Chester county in the more convenient and cheaper substitute for steam. He was born in Chester county in the neighborhood of this city. He is a more convenient and cheaper substitute for steam. He was born in Chester county in the neighborhood of this city. He is a well-welled. The question is how could a receiver, and entirely welded. The question is how could a receiver, shaped like a soda fountain, be made of wrought iron, without a rivet, and entirely when is Charles B. Collier, Esq., a well-known patent lawyer of Philadelphia. The ceiver is, it is made of wrought iron, without a rivet, and entirely when is Charles B. Collier, Esq., a well-known patent lawyer of Philadelphia. The puestion, and such time as he is not active, and entirely welded. The question is how could a receiver, shaped like a soda fountain, be made of wrought iron, without a rivet, and entirely welded. The question is how could a receiver, shaped like a soda fountain, be made of wrought iron, without a rivet, and entirely welded. The question is how could a receiver, shaped like a soda fountain, be made of wrought iron, without a rivet, and entirely welded. The question is how could a receiver, shaped like a soda fountain, be made of wrought iron, without a rivet, and entirely when it is only the person of t of unpopularity as investments. Even muscular strength—having been known of unpopularity as investments. Even muscular strength—having been known of the inventor or rather the discoverer are etc. Respectfully submitted.

CHARLES B. COLLIER.

In its narration of facts it is correct. The conclusions, as stated by Mr. Collier, under

> WM. BOEKEL, Mechanician. WM. H. RUTHERFORD, Chief Engineer, U.S. N. J. SNOWDEN BELL, Mechanical Engineer.

to Charles B. Collier, Esq.] The foregoing statement, signed by Chas. 3. Collier, Esq., has been submitted to me by quantity of water with a certain admixture that can produce such a pressure, necessa- Mr. Boekel assisted in the manipulation of him and my opinion is requested as to whethof Cincinnati, formally announces the al-liance of the Roman Catholic Church of the Roman Catholic Chu Chie with the Demogratic party! The develop and the hands into which of air, and which is produced purely by me rily into the resources that it will of air, and which is produced purely by me rily into the apparatus, Mr. Rutherford made to the develop and the apparatus, Mr. Rutherford made to the pressure upon the piston counted for by any known chemical agencies, and the apparatus, Mr. Rutherford made to the apparatus apparatus and the apparatus apparatus apparatus apparatus. Ohio with the Democratic party! The it has fallen, know periectly well whatever, without the aid of galvanism of the square inch, this by the register of pressure upon the piston to 30,000 calculations of the pressure upon the piston to the square inch, this by the register of pressure upon the piston to the square inch, this by the register of pressure upon the piston to the square inch, this by the register of pressure upon the piston to the square inch, this by the register of pressure upon the piston to 30,000 calculations of the pressure upon the piston to the square inch, this by the register of pressure, and Mr. Bell made such as the disturbance of chemical sub-

> for the result stated to have been produced by any known chemical decomposition.

The celerity of the operation, the absence of noise, the absence of heat, electricity or galvanic action as a producing clause, and the like absence of heat, electricity or galtained in water and air,"-I will give a Mr. Keely those apparently insurmounta- in mind by the reader that this exhibition vanic action as resultants, together with the brief sketch of the inventive career of ble difficulties were swept away, and he is was made with the first multiplicator made negative qualities of the produced gas or ble difficulties were swept away, and he is vapor, lead me to the conclusion that the

I have not seen the apparatus, and my without cost. He started out by first en- detail how these difficulties were overcome: is expected to create a pressure equal to 30,- views are given simply upon the foregoing B. HOWARD RAND, M. D.,

According to this summary of Mr. Collier's report, it will be seen that Mr. Keely has discovered a vapor unknown 2d. The production of this wer, from to the chemist; that he has succeeded in dation. The pestiferous insect is up again upon which this curious engine was con- stronger, consequently a welded "receiver" the time of establishing the water columns running an engine with that vapor; that he clearly proved to the gentlemen present that there could be no chemicals or elec-3d, The passage of this gas or vapor from tricity used, and that the vapor was stand twice the pressure that a boiler forty- in point of generation to its point of utiliza- created by a secret mechanical process. Mr. Oscar A. Childs, of this city, saw the 4th. The development or production of engine running last March, and he and mythat a boiler seventy-two inches in diam- the force was unattended by any apprecia- self can both testify that the vapor escaping at the exhaust of the engine felt like coql

The indications are a hundred times his steam engine that it would eventually move the world. The stupendous importhe insects are said to be about as large as diaphragm bulges outwardly, in that tion of sediment and dirt, and is liable to be disturbed so as to evolve gaseous pro- tance of this great discovery of Mr. Keely, lieve it will, can be gathered from the fact that the power to run an engine will cost course such a motor would almost revolutionize commerce and manufacture throughout the world. It would reduce freight and no galvanic action, nor was heat, electricity, passage across the ocean fully one-half. It Then, above all, the receiver is about two or galvanic action, discernible as resultant | would enable a steamer-or rather a Keely vapor ship-to sail around the globe without coaling. It would reduce the expenses by the vaporic force, such evolution of of a first class ocean steamer sailing beto the square inch. How could a receiver electricity, which was but slight, being ob- tween New York and Europe, counting in made of thinner metal hold 30,000 pounds viously caused by frictional contact of the several hundred tons freight room saved by doing away with coal, and bulky boilers, and counting in the saving of expensive rebeing sudden is more powerful in its effects hydrant, under a pressure, as indicated by pairs of boilers and renewing them every five than the steady pressure of vapor in a re- a gauge applied to the hydrant, of twenty- years, over \$200,000 per annum! A Keely motor engine would only weigh one-fifth of the weight of a steam engine and boiler of smaller piston or plunger, thus enabling it burned powder expanding irregularly the upon its withdrawal from the multiplica- equal power, consequently it could be used metal. In the "receiver" the metal has a tor, was drank by myself and by oth- for propelling carriages over the roads and street cars, etc.

> I could tell of other wonderful things Mr. sciently tight to prevent this thin vapor in, free from all substances other than Keely has done, and what he proposes to being forced through by that immense pres- those contained in the water of the Schuyl- do, but I will not incur the reputation of being an enthusiastic visionary what-doyou-call-him. Time will soon decide the Eleventh. After the conclusion of the ex- engine on public exhibition next fall, and periments, the multiplicator was dismantled, they propose to drive a portion of the power

In conclusion I wish to express my acknowledgment for courtesies extended to ments had been made, and do away with simplest thing in the world to do. The vaterest in the invention, and particularly for permission to publish this account of the give a report of it to the press, preferring

Anniversary.